Thank you for purchasing our product.
Please read this User's Manual before
using the product. Change without Notice

4 Channel Color Quad

User's Manual

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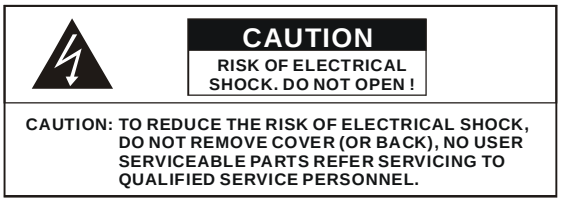
Safety Precautions


CAUTION
RISK OF ELECTRICAL SHOCK. DO NOT OPEN !
CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This label may appear on the bottom of the unit due to space limitations.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insulated dangerous Voltage within the product's enclosure that may be sufficient magnitude to constitute risk of electrical shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE UNITS NOT SPECIFICALLY DESIGNED FOR OUTDOOR USE TO RAIN OR MOISTURE.

Attention: installation should be performed by qualified service Personnel only in accordance with the National Electrical Code or applicable local codes.

Power Disconnect. Units with or without ON-OFF switches have power supplied to the unit whenever the power cord is inserted into the power source; however, the unit is operational only when the ON-OFF switch is the ON position. The power cord is the main power disconnect for all unites.

"

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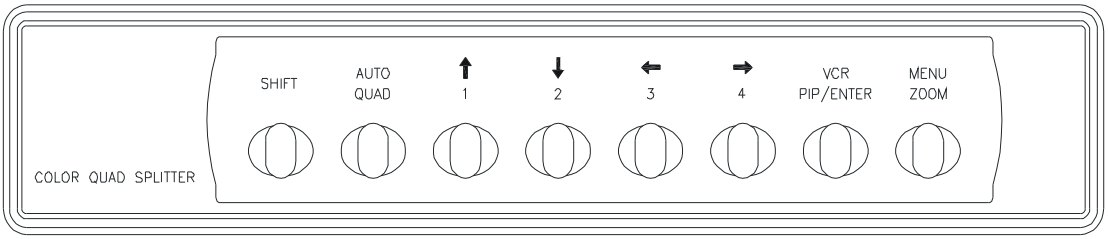
Front Panel



Key Function and mode define:

Button / Mode	AUTO / QUAD	1 2 3 4	VCR / PIP / ENTER	MENU / ZOOM	SHIFT
Normal Mode (Live display)	4-Split Mode button	Camera 1,2,3,4 Full screen display	PIP screen display	Picture 2 x 2 zoom in	To SHIFT mode
Shift Mode (Press Shift Key)	Channel sequence	Camera 1,2,3,4 Full screen display	To VCR Mode	To Menu Setup	To normal mode
Menu Mode (Menu function page)	Increase value	UP/DOWN / LEFT / RIGHT direction button	ENTER key	Exit Menu	Reduce value
VCR Mode	4-Split Mode button	Camera 1,2,3,4 Full screen display	To Shift mode	To Menu Setup	No function
PIP Mode	To normal mode quad	UP / DOWN, main-screen move, LEFT / RIGHT, son-screen move	To normal mode	2 x 2 zoom in	Shift + PIP mode
SHIFT + PIP mode	PIP auto sequence	PIP-screen moving	To VCR mode	To MENU mode	To PIP mode

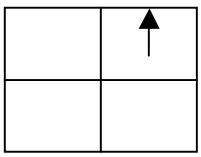
Shift Mode, press shift key, an up direction arrow appears.

PIP, after PIP-picture moves to press shift again to memorize position. If not, position would not be memorized.

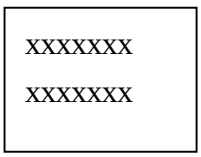
Every time, a user changes function values which needs to press MENU to exit and save values.

Normal Mode

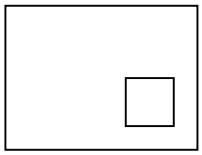
Shift Mode



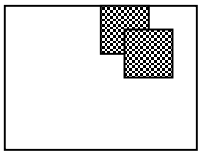
Menu Mode



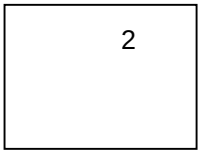
PIP screen



Auto sequence



2 x 2 zoom



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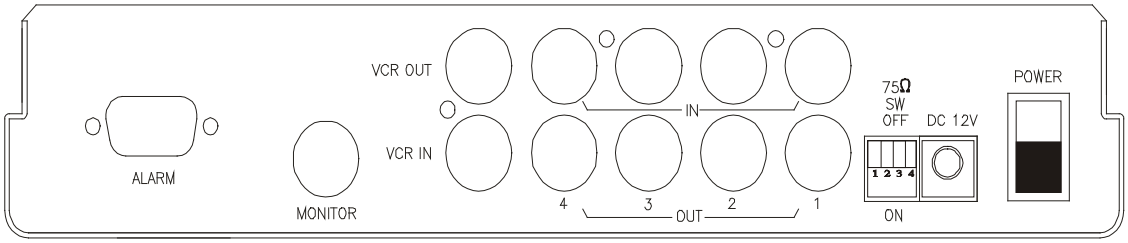
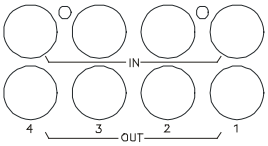
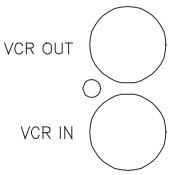
Rear Panel





1,2,3,4 CAMERA IN: BNC connectors for four-camera signal input

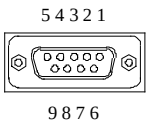
1,2,3,4 CAMERA OUT: BNC connectors for four-camera signal output (Looping)



VCR In: BNC connector for video signal input from VCR (VCR OUT).

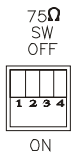
VCR Out: BNC connector for video signal output to VCR (VCR IN) .

Monitor output

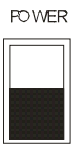


ALARM connector 9 pins D-Sub connector.

1.	ALARM #1	6. NC
2.	ALARM #2	7. COM
3.	ALARM #3	8. NO
4.	ALARM #4	9.GND
5.	5V	



75-ohm high low on / off DIP



Power switcher

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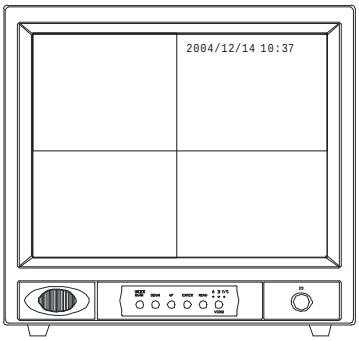
FUNCTION SETUP (SHIFT + MENU / ZOOM)



FUNCTION SETUP

1. DISPLAY	SETUP
2. CAMERA	SETUP
3. BUZZER	SETUP
4. DATE-TIME	SETUP
5. ALARM	SETUP
6. MOTION	SETUP
7. EVENT	LIST
8. SYSTEM	SETUP

** VERSION XXX **

1. DISPLAY	SETUP	Display items
2. CAMERA	SETUP	Camera related setup
3. BUZZER	SETUP	Buzzer on or off setup
4. DATE-TIME	SETUP	Current time and date setup
5. ALARM	SETUP	Alarm function setup
6. MOTION	SETUP	Motion function setup
7. EVENT	LIST	Event list page
8. SYSTEM	SETUP	System setup page

↑↓ Move function item cursor and press ENTER to sub-menu.

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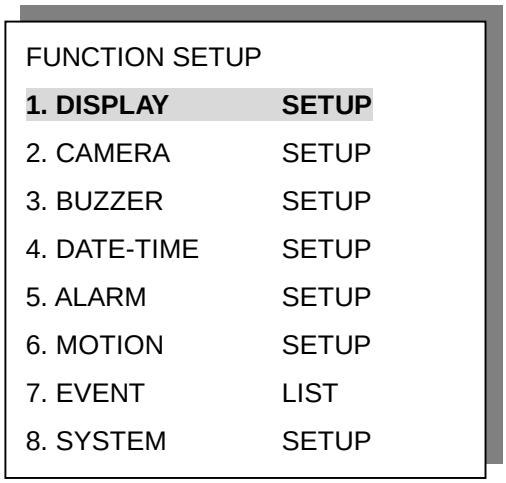
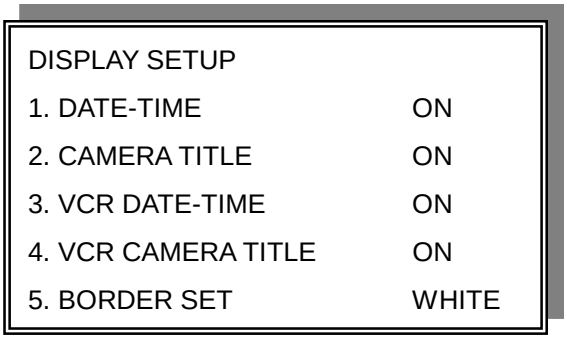
1. DISPLAY SETUP:





DISPLAY SETUP

1. DATE-TIME

   Current date and time display on the screen? ON / OFF

2. CAMERA TITLE

   Camera title display on the screen? ON / OFF

3. VCR DATE-TIME

   DATE and Time record to VCR? ON / OFF

4. VCR CAMERA TITLE

   CAMERA TITLE record to VCR? ON / OFF

5. BORDER SET

   Quad split border color? WHITE / BLACK / DARK / GRAY

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD to change values.

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2. CAMERA SETUP:

FUNCTION SETUP	
1. DISPLAY	SETUP
2. CAMERA	**SETUP**
3. BUZZER	SETUP
4. DATE-TIME	SETUP
5. ALARM	SETUP
6. MOTION	SETUP
7. EVENT	LIST
8. SYSTEM	SETUP

CAMERA SETUP PAGE	
** CHANNEL NUMBER	
1. BRIGHTNESS	00
2. CONTRAST	00
3. SATURATION	00
4. HUE	00
5. GAIN	00
6. TITLE	
7. DEFAULT RESET	

CAMERA SETUP PAGE

CHANNEL NUMBER	CH 01 / 02 / 03 / 04
1. BRIGHTNESS	-31 ~ +32
2. CONTRAST	-31 ~ +32
3. SATURATION	-31 ~ +32
4. HUE	-31 ~ +32
5. GAIN	-31 ~ +32
6. TITLE	CAM0100000
7. DEFAULT RESET	Press ENTER

** CAUTION**
ALL CAMERA SETUP VALUE WILL BE
CLEAR AND RESTORE FACTORY DEFAULT
PRESS [ENTER] TO RESTORE
PRESS [MENU] TO CANCLE

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD to change values.

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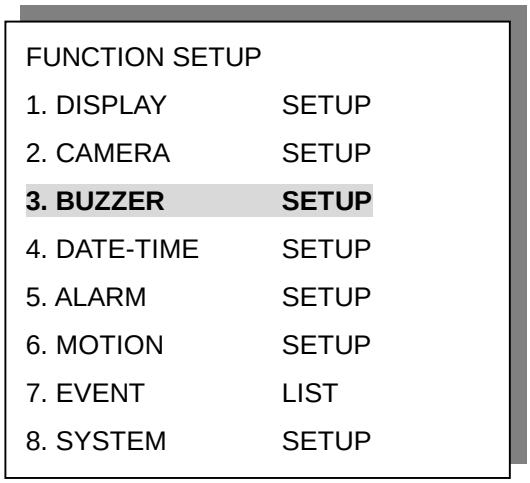
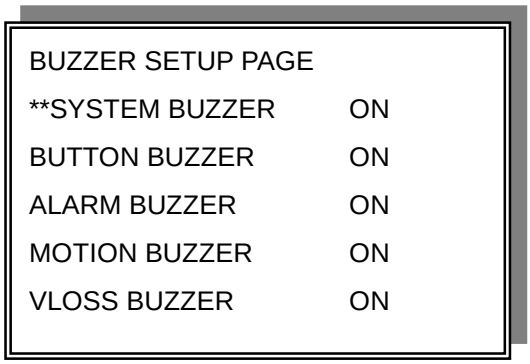
3. BUZZER SETUP:





**SYSTEM BUZZER	ON / OFF (Buzzer function)
BUTTON BUZZER ON / OFF	Key pressed buzzer. One pressed, and a sound.
ALARM BUZZER ON / OFF	Alarm trigger buzzer. According duration time.
MOTION BUZZER ON / OFF	Motion moving buzzer. Every movement and a sound.
V-LOSS BUZZER ON / OFF	Video loss buzzer. Sound keeps until video in or other buzzer happens.

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD to change values.

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4. DATE-TIME:

FUNCTION SETUP	
1. DISPLAY	SETUP
2. CAMERA	SETUP
3. BUZZER	SETUP
4. DATE-TIME	**SETUP**
5. ALARM	SETUP
6. MOTION	SETUP
7. EVENT	LIST
8. SYSTEM	SETUP

DATE-TIME SETUP PAGE	
1.DATE	2000/00/00
2.TIME	12:12:12

1. DATE : Current Year / Month / Day
2. TIME : Current Hour / Minute / Second

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD to change values.

Date and time change steps:

2004/9/24/12:12:12
1.DATE 2004/09/24 → Same date and time going
2.TIME 12:12:12
↓
2004/9/24/12:12:12 → Time keeps going
1.DATE 2004/09/24
2.TIME 12:12:12 → Time stop
↓
2004/9/24/12:12:12 → Time keeps going
1.DATE 2004/09/24
2.TIME 13:12:12 → Time stop
↓
2004/9/24/13:12:12
1.DATE 2004/09/24 → Date and time setup done
2.TIME 13:12:12

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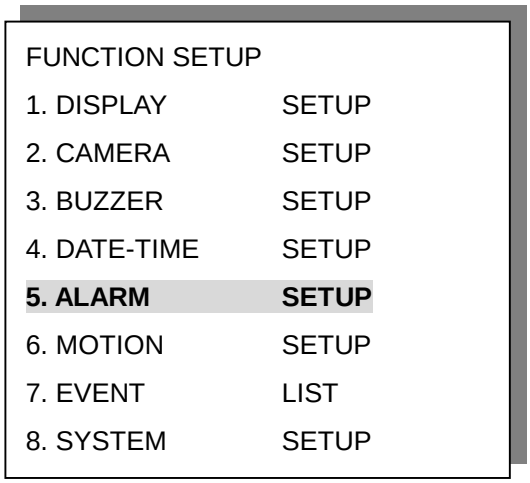
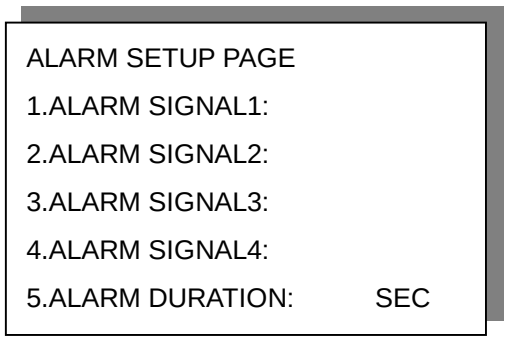
5. ALARM SETUP:





ALARM SETUP PAGE (Alarm sensor type and duration time setup)

1. ALARM SIGNAL1: NO / NC / OFF
2. ALARM SIGNAL2: NO / NC / OFF
3. ALARM SIGNAL3: NO / NC / OFF
4. ALARM SIGNAL4: NO / NC / OFF
5. ALARM DURATION: 000 ~ 999 SEC

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD to change values.

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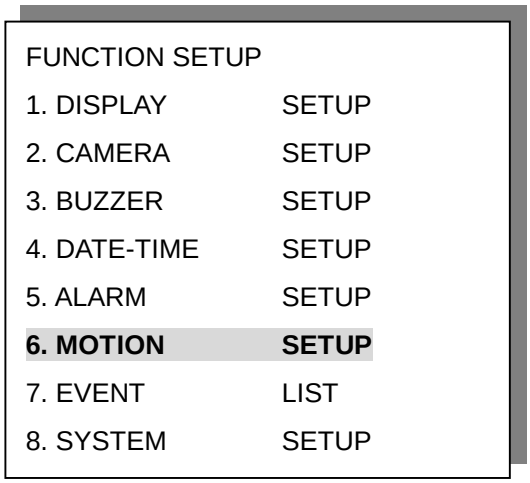
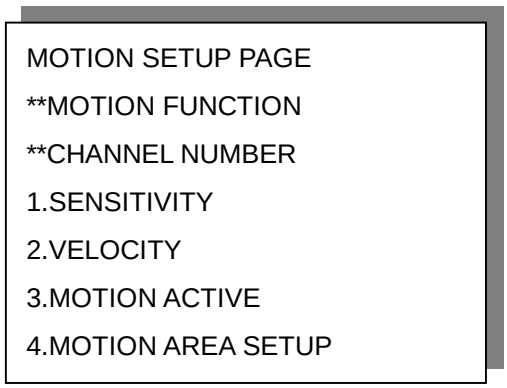
6. MOTION SETUP:





MOTION SETUP PAGE

**MOTION FUNCTION ON / OFF

**CHANNEL NUMBER CH 01 / 02 / 03 / 04

1.SENSITIVITY 0 ~ +15

Object moving sensitivity setup

2.VELOCITY 0 ~ +30

Object moving speed setup

3.MOTION ACTIVE ON / OFF

Channel motion detect active

4.MOTION AREA SETUP

Motion area, transparent window lattice is detecting, blue window lattice is not detecting.

↑ ↓ → ← Move function item cursor and press ENTER to Increase / reduce.

Shift and AUTO / QUAD to change values.

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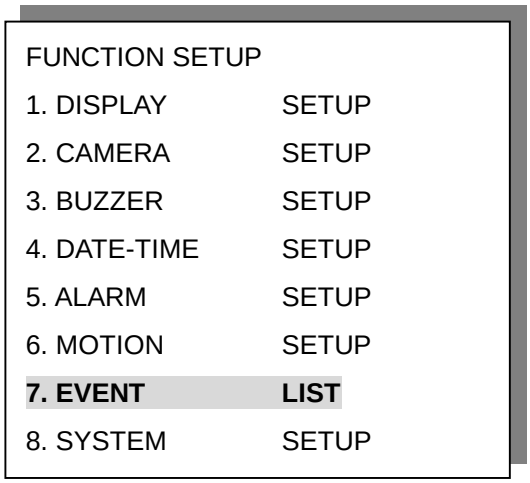
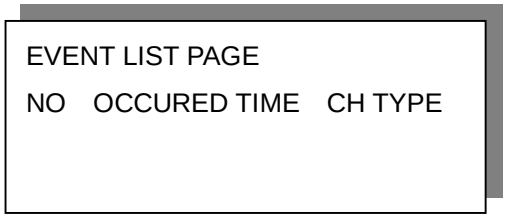
7. EVENT LIST:





Event list.

Menu page display event list such as v-loss, alarm, and motion list.

10 events and 10 pages display. Total 100 entries.

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD, change to next page.

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8. SYSTEM SETUP:

FUNCTION SETUP	
1. DISPLAY	SETUP
2. CAMERA	SETUP
3. BUZZER	SETUP
4. DATE-TIME	SETUP
5. ALARM	SETUP
6. MOTION	SETUP
7. EVENT	LIST
8. SYSTEM	**SETUP**

SYSTEM SETUP PAGE
1.DWELL INTERVAL: SEC
2.CLEAN EVENT TABLE
3.FACTORY DEFAULT

SYSTEM SETUP PAGE

1. DWELL INTERVAL: 001 ~ 999 SEC
   Channel auto sequence time setup.

2.CLEAN EVENT TABLE

** CAUTION **
ALL EVENT VALUE WILL BE CLEAR,

PRESS [ENTER] TO CLEAR.
PRESS [MENU] TO CANCLE.

2. FACTORY DEFAULT: Press ENTER
   Back to factory default.

** CAUTION **
ALL SETUP VALUE WILL BE CLEAR,
AND RESTORE FACTORY DEFAULT
PRESS [ENTER] TO RESTORE.
PRESS [MENU] TO CANCLE.

↑↓ Move function item cursor and press ENTER to sub-menu.

Shift and AUTO / QUAD, change to next page.

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